## INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/015303

			101,012001							
a. classification of subject matter IPC 7 B66B27/00 B66B29/00										
According to International Patent Classification (IPC) or to both national classification and IPC										
B. FIELDS SEARCHED										
Minimum documentation searched (classification system followed by classification symbols)  IPC 7 B66B										
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched										
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  EPO-Internal, PAJ, WPI Data										
C. DOCUMENTS CONSIDERED TO BE RELEVANT										
Category °	Citation of document, with indication, where appropriate, of the rele	Relevant to claim No								
Х	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 02, 29 February 1996 (1996-02-29) -& JP 07 285774 A (HITACHI BUILDI ENG & SERVICE CO LTD),	1-3,6,7, 9,10								
Α	31 October 1995 (1995-10-31) abstract; figures 1-4	4,8								
Furth	ner documents are listed in the continuation of box C	χ Patent family n	nembers are listed in annex							
*T* later document published after the international filing date or pnortly date and not in conflict with the application but cited to understand the principle or theory underlying the invention.  *E* earlier document but published on or after the international filing date  *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  *T* later document published after the international filing date or pnortly date and not in conflict with the application but cited to understand the principle or theory underlying the invention  *X* document of particular relevance, the claimed invention involve an inventive step when the document is taken alone applied to principle or considered invention involve an inventive step when the document of particular relevance, the claimed invention involve an inventive step when the document is taken alone applied to the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or theory underlying the cited to understand the principle or th										
*O* docume other n	red to involve an inventive step when the ined with one or more other such docu- ination being obvious to a person skilled of the same patent family									
Date of the	actual completion of the international search	Date of mailing of the	ne international search report							
2:	3 March 2005	05/04/2005								
Name and n	nailing address of the ISA  European Patent Office, P B 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax (+31-70) 340-3016	Authorized officer								

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/JP2004/015303

							101/012004/013303		
	Pa cited	tent document in search report		Publication date		Patent family member(s)		Publication date	
	JP	07285774	Α	31-10-1995	NONE		<u>-</u>		
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